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09/981,637	10/16/2001	Peter Melchior	4535/23	7009

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EXAMINER
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LIVERSEDGE, JENNIFER L

ART UNIT	PAPER NUMBER
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3628

DATE MAILED: 07/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<p align="center"><b>Office Action Summary</b></p>	<p><b>Application No.</b></p> <p>09/981,637</p>	<p><b>Applicant(s)</b></p> <p>MELCHIOR ET AL.</p>	
	<p><b>Examiner</b></p> <p>Jennifer Liversedge</p>	<p><b>Art Unit</b></p> <p>3628</p>	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 October 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 March 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>8/19/2002</u> .   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Specification***

The disclosure is objected to because of the following informalities:

Page 6, line 19 should read "improved trade system" rather than "improved a trade system".

Page 27, lines 19- 20 should read "trade program 112" rather than "trade program 114".

Page 41, line 1 should reference Figure 9 rather than Figure 5.

Page 42, line 7 should read "trade database 906" rather than "trade database 904".

Page 45, line 10 should read "through the trouble" rather than "through trouble".

Appropriate correction is required.

### ***Drawings***

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "506", "116" and "906" have both been used to designate trade database (see particularly page 35, lines 4-7 and page 41, line 8).

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet

Art Unit: 3628

submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-10 and 20-31 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,717,989 to Tozzoli et al. (further referred to as Tozzoli).

Regarding claim 1, Tozzoli discloses a computerized system for facilitating transactions in goods or services (column 1, lines 5-6), the system comprising:

Means for allowing electronic procurement of a purchase order agreement between a seller and a buyer and relating to a transaction in one or more goods or services, and for electronically storing the purchase order agreement (column 3, lines 49-56);

Means for evaluating the buyer's cumulative credit exposure at at least one particular time, based upon buyer transaction activity information stored within the

Art Unit: 3628

system (column 4, lines 50-62; column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21);

Means for receiving and storing electronic evidence that the seller has performed in connection with fulfilling the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61); and

Means for electronically evaluating whether the seller has complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61).

Regarding claim 5, Tozzoli discloses a computerized system for facilitating transactions in goods or services (column 1, lines 5-6), the system comprising:

Means for allowing electronic procurement of a purchase order agreement between a seller and a buyer and relating to a transaction in one or more goods or services, and for electronically storing the purchase order agreement (column 3, lines 49-56);

Means for evaluating the buyer's cumulative credit exposure at at least one particular time, based upon buyer transaction activity information stored within the system (column 4, lines 50-62; column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21);

Means for receiving and storing electronic evidence that the seller has performed in connection with fulfilling the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61); and

Art Unit: 3628

Means for electronically evaluating whether the seller has complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61);

Means for electronically providing a payment instruction if the seller has been evaluated to have complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 13-30; column 16, lines 58-61); and

Means for receiving and storing electronical evidence that the buyer has made one or more payments in connection with fulfilling buyer's obligations as defined by the purchase order agreement (column 5, lines 35-43; column 7, lines 39-42; column 9, lines 13-30; column 9, lines 44-49; column 11, lines 1-6; column 16, lines 49-57; column 17, lines 1-2).

Regarding claim 23, Tozzoli discloses a computerized method for facilitating transactions in goods or services (column 1, lines 5-6), the method comprising:

Allowing electronic procurement of a purchase order agreement between a seller and a buyer and relating to a transaction in one or more goods or services, and for electronically storing the purchase order agreement (column 3, lines 49-56);

Evaluating the buyer's cumulative credit exposure at at least one particular time, based upon buyer transaction activity information stored within the system (column 4, lines 50-62; column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21);

Art Unit: 3628

Receiving and storing electronic evidence that the seller has performed in connection with fulfilling the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61); and

Electronically evaluating whether the seller has complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61).

Regarding claim 26, Tozzoli discloses a computerized method for facilitating transactions in goods or services (column 1, lines 5-6), the method comprising:

Allowing electronic procurement of a purchase order agreement between a seller and a buyer and relating to a transaction in one or more goods or services, and for electronically storing the purchase order agreement (column 3, lines 49-56);

Evaluating the buyer's cumulative credit exposure at at least one particular time, based upon buyer transaction activity information stored within the system (column 4, lines 50-62; column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21);

Receiving and storing electronic evidence that the seller has performed in connection with fulfilling the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61); and

Electronically evaluating whether the seller has complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61);

Art Unit: 3628

Electronically providing a payment instruction if the seller has been evaluated to have complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 13-30; column 16, lines 58-61); and

Receiving and storing electronic evidence that the buyer has made one or more payments in connection with fulfilling buyer's obligations as defined by the purchase order agreement (column 5, lines 35-43; column 7, lines 39-42; column 9, lines 13-30; column 9, lines 44-49; column 11, lines 1-6; column 16, lines 49-57; column 17, lines 1-2).

Regarding claim 29, Tozzoli discloses a computer usable medium storing program code which, when executed on a computerized device, causes the computerized device to execute a computerized method for facilitating transactions in goods or services (column 1, lines 5-6; column 4, line 50 – column 5, line 10), the method comprising:

Allowing electronic procurement of a purchase order agreement between a seller and a buyer and relating to a transaction in one or more goods or services, and for electronically storing the purchase order agreement (column 3, lines 49-56);

Evaluating the buyer's cumulative credit exposure at at least one particular time, based upon buyer transaction activity information stored within the system (column 4, lines 50-62; column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21);



Art Unit: 3628

Receiving and storing electronic evidence that the seller has performed in connection with fulfilling the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61); and

Electronically evaluating whether the seller has complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 21-30; column 16, lines 58-61);

Electronically providing a payment instruction if the seller has been evaluated to have complied with the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 9, lines 13-30; column 16, lines 58-61); and

Receiving and storing electronic evidence that the buyer has made one or more payments in connection with fulfilling buyer's obligations as defined by the purchase order agreement (column 5, lines 35-43; column 7, lines 39-42; column 9, lines 13-30; column 9, lines 44-49; column 11, lines 1-6; column 16, lines 49-57; column 17, lines 1-2).

Regarding claims 2, 24, 27 and 30, Tozzoli discloses the system and method wherein the means for evaluating the buyer's cumulative credit exposure comprises means for evaluating the buyer's cumulative credit exposure anticipated to exist over a period of time (column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21).

Art Unit: 3628

Regarding claim 3, Tozzoli discloses the system comprising the system communicating the buyer's cumulative credit exposure anticipated to exist over a period of time to at least one of the buyer and the seller (column 4, lines 50-62; column 10, lines 36-55; column 12, lines 38-40; column 14, lines 52-57).

Regarding claims 4, 7, 25, 28 and 31, Tozzoli discloses the system and method comprising means for providing, in a first transaction between a first seller and a first buyer, an opportunity for the first seller to obtain buyer credit assurance to insure against risk of loss to the first seller resulting from failure of the first buyer to make a required payment in connection with the first transaction (column 1, lines 18-24; column 2, lines 52-59; column 5, lines 35-43; column 7, lines 6-10).

Regarding claim 8, Tozzoli discloses the system wherein the means for electronically evaluating the buyer's cumulative credit exposure comprises means for determining, based upon the buyer transaction activity information, and for any invoice stored by the system and upon which a first amount of payment is required to be paid by the buyer, whether at least a portion of the first amount of payment has been paid by the buyer (column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 16, lines 49-57; column 17, lines 1-2).

Regarding claims 6 and 9, Tozzoli discloses the system wherein the means for electronically evaluating the buyer's cumulative credit exposure comprises means for

Art Unit: 3628

evaluating the buyer's cumulative credit exposure anticipated to exist over a period of time (column 6, lines 38-44; column 10, lines 1-6 and 42-55; column 11, line 52 – column 12, line 21).

Regarding claim 10, Tozzoli discloses the system wherein the means for evaluating the buyer's cumulative credit exposure anticipated to exist over a period of time comprises means for determining, for a first invoice upon which a first payment is required to be paid by the buyer, when the first payment is required to be paid by, according to one or more terms of at least one of the first invoice and a first purchase order agreement associated with the first invoice (column 5, lines 35-43; column 6, lines 37-45; column 9, lines 26-30; column 10, lines 1-6 and lines 42-55; column 16, line 58 – column 17, line 2).

Regarding claim 20, Tozzoli discloses the system comprising means for the system evaluating whether a first set of payment guarantee criteria are met, and means for, if the first set of payment guarantee criteria are evaluated to be met, the system providing a payment guarantee to the seller to guarantee payment by the buyer in connection with the purchase order agreement (column 5, line 35 – column 6, line 7; column 6, lines 37-45; column 7, lines 6-9).

Regarding claim 21, Tozzoli discloses the system wherein the first set of criteria comprises at least one of a credit exposure of the buyer being evaluated by the system

Art Unit: 3628

to be within a specified maximum credit exposure, and the seller being evaluated by the system to have complied with the seller's obligations as defined by the purchase order agreement (column 5, line 35 – column 6, line 7; column 7, lines 42-46; column 9, lines 22-30; column 10, lines 1-6; column 14, lines 52-57; column 16, lines 58-61).

Regarding claim 22, Tozzoli discloses the system wherein the means for electronically evaluating whether the seller has complied with the seller's obligations as defined by the purchase order agreement comprises means for electronically evaluating whether the seller has complied with at least a portion of the seller's obligations as defined by the purchase order agreement, and wherein means for electronically providing a payment instruction if the seller has been evaluated to have complied with the seller's obligations as defined by the purchase order agreement comprises means for electronically providing a payment instruction if the seller has been evaluated to have complied with the at least a portion of the seller's obligations as defined by the purchase order agreement (column 3, lines 49-56; column 5, lines 35-43; column 7, lines 38-46; column 9, lines 22-30; column 14, lines 52-57; column 16, lines 58-61).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 11-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tozzoli.

Regarding claim 11, Tozzoli discloses the system comprising means for providing, in a first transaction between a first seller and a first buyer, if a first buyer's cumulative credit exposure is less than a first predefined maximum cumulative credit exposure for the first buyer, providing an opportunity for the first seller to obtain buyer credit assurance to insure against risk of loss to the first seller resulting from failure of the first buyer to make a required payment in connection with the first transaction (column 5, line 35 – column 6, line 7).

Tozzoli does not specifically disclose the buyer credit assurance being available up to the predefined maximum cumulative credit exposure. However, it would be obvious to one of ordinary skill in the art that the amount of credit assurance would be available to the maximum credit exposure. An amount of credit guarantee less than the maximum credit exposure would leave the seller in a continued position of risk, as the credit assurance would not cover the full potential loss; and a credit guarantee greater

Art Unit: 3628

than the maximum credit exposure would be unnecessary as credit assurance for financial quantities to which an entity does not hold any claims would be unnecessary. Therefore, it would be obvious to make available credit assurance up to the predefined maximum cumulative credit exposure.

Regarding claim 12, Tozzoli discloses the system wherein the predefined maximum cumulative credit exposure is determined based upon credit qualifications of the buyer as indicated by information stored electronically by the system (column 5, line 35 – column 6, line 7; column 6, lines 32-45; column 10, lines 1-6; column 11, line 52 – column 12, line 31).

Regarding claim 13, Tozzoli does not specifically disclose the system wherein the buyer credit assurance is available only up to a predefined maximum transactional assurance limit, the predefined maximum transactional assurance limit being an assurance limit for any transaction entered into by the first buyer. However, Tozzoli discloses credit limits as being set based on various parameters including transactions, nature of goods, exposure by party, transaction size, etc. (column 5, line 57 – column 6, line 7). It would be obvious to one of ordinary skill in the art that the amount of credit assurance would be available to the maximum credit exposure, the maximum credit exposure being that of a transaction entered into by a buyer. An amount of credit guarantee less than the maximum credit exposure of a transaction would leave the seller in a continued position of risk, as the credit assurance would not cover the full

Art Unit: 3628

potential loss; and a credit guarantee greater than the maximum credit exposure of a transaction would be unnecessary as credit assurance for financial quantities to which an entity does not hold any claims would be unnecessary. Therefore, it would be obvious to make available credit assurance up to the predefined maximum cumulative credit exposure where the maximum credit exposure is that of a transaction entered into by a buyer.

Regarding claim 14, Tozzoli does not specifically disclose the system wherein the predefined maximum transactional assurance limit is determined based upon credit qualifications of the buyer as indicated by information stored electronically by the system. However, Tozzoli discloses limits established based on credit qualifications (column 5, line 35 – column 6, line 7; column 6, lines 23-45; column 10, lines 1-6; column 11, line 52 – column 12, line 31). Regarding assurance limits, it would be obvious to one of ordinary skill in the art that the amount of credit assurance would be available based on credit risk, where a greater credit risk would warrant greater credit assurance, and where lower credit risk would warrant lesser amounts of credit assurance. The basic concepts of credit assurance and risk dictate this relationship.

Regarding claim 15, Tozzoli does not specifically disclose the system wherein the buyer credit assurance is only available up to a predefined maximum relationship credit exposure limit, the predefined maximum relationship credit exposure limit being a limit on a cumulative amount of credit exposure of the first buyer to the first seller, for all

Art Unit: 3628

transactions between the first buyer and the first seller, as indicated by information stored electronically by the system. However, Tozzoli discloses limits established based on credit exposure and limits based on quantities and values of transactions between parties (column 5, line 35 – column 6, line 7; column 6, lines 32-45; column 10, lines 1-6; column 11, line 52 – column 12, line 31). Regarding assurance limits, it would be obvious to one of ordinary skill in the art that the amount of credit assurance would be available based on the quantities and values of the transaction, as based on establishing values for the amount of exposure to be accumulated between parties as disclosed by Tozzoli.

Regarding claim 16, Tozzoli discloses the system wherein the predefined maximum relationship credit exposure is determined based upon credit qualifications of the buyer as indicated by information stored electronically by the system (column 5, line 35 – column 6, line 7; column 6, lines 32-45; column 10, lines 1-6; column 11, line 52 – column 12, line 31).

Regarding claim 17, Tozzoli discloses the system comprising means for electronically advising at least one of the first buyer and the first seller regarding a first portion of the first transaction that is assurable through the system (column 5, line 35 – column 6, line 7; column 11, line 52 – column 12, line 31).



Art Unit: 3628

Regarding claim 18, Tozzoli discloses the system comprising the system comprising means to present, on at least one of a computer of the seller and a computer of the buyer, a graphical display indicating an anticipated cumulative buyer credit exposure as a function of time and indicating a time at which a transaction is anticipated to be assurable (column 5, line 35 – column 6, line 7; column 10, lines 36-67; column 11, line 52 – column 12, line 45).

Regarding claim 19, Tozzoli discloses the system comprising means for electronically indicating to at least one of the seller and the buyer a future time at which the first transaction would be fully assurable through the system (column 5, line 35 – column 6, line 7; column 6, lines 37-44; column 10, lines 36-67; column 11, line 52 – column 12, line 45).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent No. 7,047,219 B1 to Martin et al. discloses an automated trade system in which credit insurance is available, and in which a limits database establishes limits for buyers. The limits database is updated per each transaction such that buyers are aware of their available credit, as well as when additional credit would become available as due dates and expiration dates are set.

Art Unit: 3628

Any inquiry concerning this communication should be directed to Jennifer Liversedge whose telephone number is 571-272-3167. The examiner can normally be reached on Monday – Friday, 8:30 – 5 PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sam Sough can be reached at 571-272-6799. The fax number for the organization where the application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jennifer Liversedge

Examiner

Art Unit 3628

  
HYUNG SOUGH  
SUPERVISORY PATENT EXAMINER  
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